














SYMBOL LIST	
	DARK LINE INDICATES CONDUIT OR EQUIPMENT TO BE INSTALLED.
	LIGHT LINE INDICATES EXISTING CONDUIT OR EQUIPMENT TO REMAIN.
	CONDUIT RUN EXPOSED OR CONCEALED
	5 CONDUITS, RUNNING 2 TIER : 3 CONDUITS OVER 2
	CONDUIT TURNING DOWN
	CONDUIT TURNING UP
	CONDUIT TO BE REMOVED
	EXISTING SPRINKLER MAIN TO REMAIN
	EXISTING DRAIN PIPING TO REMAIN
	EXISTING CONDENSER WATER PIPING
	EXISTING CURRENT TRANSFORMER & METER TO REMAIN
	STRUCTURAL TRUSS
	JUNCTION BOX

**NOTES:**

1. CONFIRM ALL EXISTING FIELD CONDITIONS PRIOR TO INSTALLATION.
2. PROVIDE SERVICES OF FACTORY ENGINEERS TO FIELD VERIFY EXISTING FIELD CONDITIONS PRIOR TO FABRICATION OF BUSWAYS.
3. BUSDUCT SCHEDULE FOR INFORMATION ONLY. ACTUAL DIMENSIONS OF COMPONENTS TO BE FIELD VERIFIED. PROVIDE SPECIAL LENGTHS AND SIZES AS PER FIELD CONDITIONS.
4. TRACE ALL BRANCH CIRCUITING AND FEEDERS, IDENTIFIED TO BE REROUTED, DUE TO INSTALLATION OF BUSWAY IN ORDER TO IDENTIFY LOADS.
5. ALL BUSWAY REPLACEMENTS SHALL BE PERFORMED AFTER NORMAL WORK HOURS.
6. PROCEDURES FOR NOTIFYING THE PORT AUTHORITY ENGINEER OF LOADS, PENDING POWER OUTAGES AND THE HOURS THAT WORK IS TO BE PERFORMED SHALL BE AS INDICATED IN DIVISION ONE, GENERAL PROVISIONS, SUBSECTION "CONDITIONS AND PRECAUTIONS".
7. ALL COPPER BUSWAYS SHALL BE SINGLE BUS BAR PER PHASE, 480/277V, 3ø, 4W+G, 2000A.
8. REMOVE EXISTING BUSWAYS BETWEEN FLOORS AS INDICATED & INSTALL REPLACEMENT ALUMINUM AND OR COPPER BUSWAY WITH INTEGRAL FIRESTOPS AS SHOWN. COORDINATE LENGTH IN FIELD.
9. FURNISH & INSTALL BUSWAYS SUPPORTS AT FLOOR LEVEL FOR COPPER BUSWAYS SUPPORTS TO BE MOUNTED TO EXISTING CURBS.
10. ALL CABLE TAP BOXES SHALL BE SUPPLIED WITH TWO REMOVABLE ACCESS COVERS (BOTTOM AND SIDE).
11. SUBMIT FULLY DIMENSIONED SHOP DRAWINGS INDICATING ALL ELEVATIONS, DIMENSIONS, AND ROUTING OF ALL BUSWAYS, CONDUITS, PULLBOXES, ETC. AND ALL ASSOCIATED ELECTRICAL WORK.
12. ALL CONDUIT SHALL BE RIGID STEEL, GALVANIZED, TYPE GSC, SIZE AS INDICATED. ALL CONDUCTORS SHALL BE COPPER, 600 VOLT, TYPE XHHW, UNLESS OTHERWISE NOTED.

13. CLEAN AND REFURBISH ALL SECTION C RE-INSTALLED IN ELECTRIC CLOSET OR BUSWAYS SHALL BE TURNED OVER TO
14. ALL REPLACEMENT 1600A ALUMINUM, EXISTING, FURNISH LENGTH AS REQUIRED
15. EXISTING LIGHT FIXTURES, WHICH ARE A CONFLICT WITH THE INSTALLATION OF SHALL BE INCLUDED IN SCOPE OF PR
16. COORDINATE METHOD OF INSTALLATION WITH THE ENGINEER. THE ENGINEER M PRIOR TO WORK (i.e. SCAFFOLDING, E
17. ALL BUSWAYS, INSTALLED IN ELECTRIC A MINIMUM OF THREE (3) PLUG IN CIRCUIT BREAKER INSTALLATION.
18. ALL COPPER, 2000A BUSWAYS TO COPPER GROUND BUS.
19. REFER TO ARCHITECTURAL DRAWINGS F FLOORS AND PARTITIONS.
20. COORDINATE INSTALLATION OF ACCESS WITH THE PORT AUTHORITY.
21. TEST ALL BUSWAYS, BUSWAY CONNECT MANUFACTURERS RECOMMENDATIONS.

**BUSWAY SCHEDULE (SEE NOTE #3)**

TYPE	MODEL NUMBER	DESCRIPTION
<b>A</b>	SQUARE 'D' I-LINE BUSWAY #CF2520G-LFM13 OR APPROVED EQUIVALENT	FLATWISE ELBOW
<b>B</b>	SQUARE 'D' I-LINE BUSWAY #CF2520G-OF OR APPROVED EQUIVALENT	OFFSET FLATWISE ELBOW
<b>C</b>	SQUARE 'D' I-LINE BUSWAY #CF2520G-LEM11 OR APPROVED EQUIVALENT	EDGEWISE ELBOW
<b>D</b>	SQUARE 'D' I-LINE BUSWAY #CF2520G-SERIES OR APPROVED EQUIVALENT	SPECIAL OFFSET CABLE TAP BOX END OR SIDE ENTRANCE AS REQUIRED.
<b>E</b>	NOT USED	-
<b>F</b>	SQUARE 'D' I-LINE BUSWAY #CF2520G OR APPROVED EQUIVALENT	FEEDER BUSWAY
<b>G</b>	SQUARE 'D' I-LINE BUSWAY #CF2520G-TFM13 OR APPROVED EQUIVALENT	TEE FITTING
<b>H</b>	SQUARE 'D' I-LINE BUSWAY #CF2520G OR APPROVED EQUIVALENT	PLUG IN BUSWAY
<b>I</b>	NOT USED	-
<b>J</b>	SQUARE 'D' I-LINE BUSWAY #CF2520G-OE OR APPROVED EQUIVALENT	OFFSET EDGEWISE ELBOW
<b>K</b>	SQUARE 'D' I-LINE BUSWAY #CF2520G-DL(R) OR APPROVED EQUIVALENT	DOUBLE ELBOW